

LGW - 3220 & 3380

laboratory Glassware Washer



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Introduction

Large cleaning chamber with three-layer cleaning basket. Double-layer heat-resistant glass windows with built-in lighting. The three-layer cleaning basket can simultaneously clean 250ml volumetric flasks and 192 sets of 100ml of volumetric flasks or 120 sets of wide-mouth utensils, and clean 900 2ml chromatographic injection bottles at a time. Convenient basket combination, it can put 6 modular baskets at a time, flexible combination to adapt to various utensils, volumetric flasks, automatic sample bottles, headspace bottles, pipettes, test tubes, Erlenmeyer flasks, round bottom flasks, Reagent bottles, measuring cylinders, etc.

►► Instrument Structure

The shell material is 304 stainless steel and the cleaning chamber is 316L stainless steel. The volume of cleaning chamber is 3 17L and the cleaning chamber were formed directly without welding points.

►► Circulation System

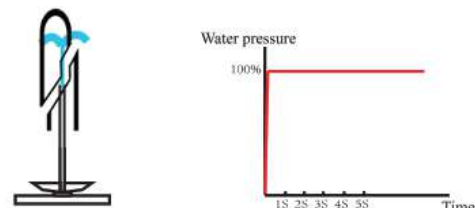
Variable frequency soft-start function control the circulation pump from 0-800L/min. Pipeline pressure monitor monitors the pressure of the main pipeline in real time.

►► Safety Protection System

Electronic safety lock, EULA electric door opening and closing technology, the experimenter can set the door opening temperature limit. Water heating over temperature protection, hot air heating over temperature protection, water pump over temperature protection, fan over temperature protection. The instrument will recovery automatically after water cut and memory if the power cut off. Multi-layer filtration system: prevent debris from entering the pipeline and causing blockage

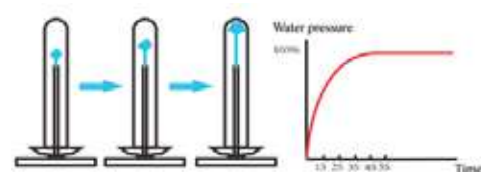
►► Piping System

New back water supply method with two parallel water supply, Basket adopts FL-EXCH module design, every 1/2 module can be exchanged freely.



►► Drying System

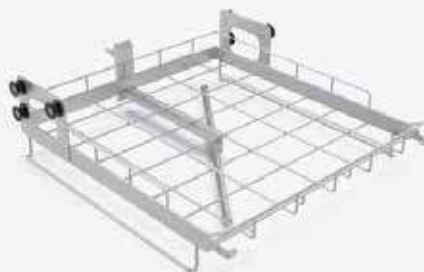
High throughput pipeline compressor fan HEPA drying system, double spray heat exchange system, adopt EU-W water-saving condensation technology for steam condensation and cooling water automatic discharge.



Parameter	LW 3320	LW 3380H
Power	220V 5kW	380V 10kW
Capacity	317L	317L
Screen Size	7 inch	7 inch
Fingerprint Recognition	Yes	Yes
Three-level authority	Yes	Yes
SD card store	Yes	Yes
Standard program	30	30
Self-defined program	120	120
Pump circulation	0-800L/min	0-800L/min
Pipeline pressure	110mbar	110mbar
Hot air circulation	220m ³ /h	220m ³ /h
Drying temperature	25 – 120 °C	25 – 120 °C
Drying time	0-300min	0-300min
External size(L*W*H)	670*757*1650(mm)	670*757*1650(mm)



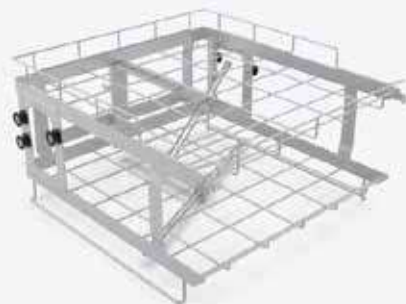
SC-01 Upper/middle cleaning chassis
Without spray arm, place the module cleaning basket



SC-02 Upper/middle cleaning chassis
With spray arm, place the module cleaning basket



XC-03 Lower cleaning chassis
Without spray arm, place the module cleaning basket



SC-05 Upper/middle cleaning chassis
With spray arm, place the module cleaning basket



XC-06 Lower cleaning chassis
With spray arm, place the module cleaning basket



SC-07 Upper cleaning basket
With spray arm, place K-03 module basket



XC-08 Lower cleaning basket
Without spray arm, place K-03 module basket



PLYT-08 Spray bottle module basket 8 positions
Bottle size: 250 ~ 2000ml
Clean blue cap bottle, erlenmeyer flask, volumetric flask, triangular flask, etc.
With three-petal flower basket bottle holder and cross bottle holder



PLYT-21 Spray bottle module basket 21 positions
Bottle size: 50 ~ 250ml
Clean erlenmeyer flask, volumetric flask, triangular flask, etc. With three-petal flower basket bottle holder and cross bottle holder
Each module can clean 21 volumetric flasks of 250ml.



PLWT-32 Spray bottle module basket 32 positions
Bottle size: 50 ~ 250ml
Clean conical flasks, volumetric flasks, triangular flasks, flasks, etc with cross bottle holder.
Each module can clean 32 volumetric flasks of 100ml.



PLYT-32 Spray bottle module basket 32 positions
Bottle size: 50 ~ 250ml
Clean volumetric flasks, triangular flasks, flasks, etc with three-petal flower basket bottle holder and cross bottle holder.
Each module can clean 32 volumetric flasks of 100ml.



PL-150 injection bottle module 150 positions
Bottle size: 2ml
Clean chromatography injection bottle



PLWT-50 Spray bottle module 50 positions
Bottle size: 10 ~ 100ml
Clean erlenmeyer flask, volumetric flask, triangular flask, flask, etc with cross bottle holder.
Each module can clean 50 volumetric flasks of 50ml.



PLYT-50 Spray bottle module 50 positions
Bottle size: 10 ~ 100ml
Clean erlenmeyer flask, volumetric flask, triangular flask, flask, etc with three-petal flower basket bottle holder and cross bottle holder.
Each module can clean 50 volumetric flasks of 50ml.



PLWT-66 Spray bottle module 66 positions
Bottle size: 10 ~ 50ml
Clean erlenmeyer flask, volumetric flask, triangular flask, flask, etc with cross bottle holder.
Each module can clean 66 volumetric flasks of 25ml.



PLYT-66 Spray bottle module 66 positions
Bottle size: 10 ~ 50ml
Clean erlenmeyer flask, volumetric flask, triangular flask, flask, etc with three-petal flower basket bottle holder and cross bottle holder.
Each module can clean 66 volumetric flasks of 25ml.



PLYT-20 Sampling bottle basket 20 positions
Bottle size: 1000ml with cross bottle holder
Each layer place one basket of sampling bottle of 1000ml
Each module can clean 20 sampling bottle of 1000ml.



PLYT-25 Sampling bottle basket 25 positions
Bottle size: 500ml with cross bottle holder
Each layer place one basket of sampling bottle of 500ml
Each module can clean 25 sampling bottle of 500ml.



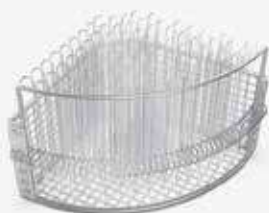
K-02 Cleaning frame module large quantity
Bottle size: 10 ~ 2000ml
Clean jars, glass rods, bottle caps
Two 1/2 modules form a layer of cleaning basket



K-30 1/2 cleaning basket module 30 positions
Bottle size: petri dish with a diameter of 60 ~ 150mm
Each module can wash 30 petri dishes of 90mm
Two 1/2 modules form a layer of cleaning basket



PL-102-1 Spray bottle module 102 positions
Pipette module 102 positions
Bottle size: 0.1 ~ 50ml
Designed according to pipette, each module can wash 66 pipettes.



K-03 1/4 Fan-shaped test tube cleaning basket
Bottle size: 10 ~ 20ml
Clean test tubes, centrifuge tubes, etc.
Four 1/4 modules form a layer of cleaning basket



MX-74-1 Hybrid module 74 positions
Bottle size: 2 ~ 100ml
MX-74-1 used to clean 50 injection bottles and 24 volumetric flasks of 100ml
MX-74-2 used to clean 50 pipettes and 24 volumetric flasks of 100ml



MX-102-1 Hybrid module 102 positions
Bottle size: 0.1 ~ 50ml
MX-102-1 used to clean 78 injection bottles and 24 pipettes



K-04 1/4 Fan-shaped test tube cleaning basket
Bottle size: 10 ~ 20ml
Clean test tubes, centrifuge tubes, etc.
Four 1/4 modules form a layer of cleaning basket



MX-48-1 Hybrid module 48 positions
Bottle size: 0.1 ~ 100ml
MX-48-1 used to clean 24 pipettes and 24 of 100ml volumetric flasks of 100ml
MX-48-2 used to clean 24 injection bottles and 24 volumetric flasks of 100ml

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system

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